

## CLAIMS

1. A polyolefin-based resin composition, containing  
an addition polymerization-based block copolymer (I) and a  
5 polyolefin-based resin (II), wherein:

the addition polymerization-based block copolymer (I)  
is selected from block copolymers comprising at least one  
polymer block A and at least one polymer block B, and the  
hydrogenated products thereof;

10 the polymer block A essentially comprises an aromatic  
vinyl compound unit containing at least 1% by mass of an  
alkylstyrene-derived structural unit (a) in which at least  
one alkyl group having 1 to 8 carbon atoms is bound to a  
benzene ring; the polymer block B essentially comprises a  
15 conjugated diene compound unit;

at least the moiety of polymer block A can undergo  
crosslinking upon exposure to an active energy ray; and

after molded into a desired shape, the composition is  
exposed to an active energy ray to carry out the  
20 crosslinking reaction.

2. The polyolefin-based resin composition according  
to claim 1, wherein the alkylstyrene-derived structural  
unit (a) in which at least one alkyl group having 1 to 8  
25 carbon atoms is bound to a benzene ring is a p-  
methylstyrene unit.

3. The polyolefin-based resin composition according to claim 1 or 2, wherein the active energy ray is an electron beam.

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4. The polyolefin-based resin composition according to any one of claims 1 to 3, further containing a photopolymerization initiator.

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5. A molded article obtained from the polyolefin-based resin composition according to any one of claims 1 to 4.

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6. A laminate comprising a layer formed of the polyolefin-based resin composition according to any one of claims 1 to 4.